

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Chow (TI-35993)

Serial No. ____/____

Group Art Unit:

Filed: Herewith

Examiner:

For: Symmetric ADSL Communication

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313

Dear Sir:

Applicant wishes to bring the references listed on the enclosed PTO/SB/08 to the attention of the Patent and Trademark Office relative to the subject application.

Copies of the references are enclosed. Each reference is in the English language. As such, no additional statement of relevance is provided in this paper.¹

This Statement is filed within three months of the filing date of this application. This statement is therefore timely.²

By citing these references, Applicant does not admit that these references are, or are considered to be, material to the patentability of any of the claims of this application.³

¹ 37 C.F.R. §1.98(a)(3).

² 37 C.F.R. §1.97(a)(3).

Consideration of this information in the prosecution of this application is respectfully requested.

Respectfully submitted,



Rodney M. Anderson

Registry No. 31,939

Attorney for Applicant

Anderson, Levine & Lintel, L.L.P.

14785 Preston Road, Suite 650

Dallas, Texas 75254

(972) 664-9554

Express Mail Label No. ER 560860323 US

³ 37 C.F.R. §1.97(h).

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet 1 of 2

Complete if Known

Application Number	
Filing Date	
First Named Inventor	Chow
Art Unit	
Examiner Name	
Attorney Docket Number	TI-35993

Sheet 1 of 2

Attorney Docket Number TI-35993

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Signature _____ **Date Considered** _____

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

Translation is attached.
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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				Application Number	
				Filing Date	
				First Named Inventor	Chow
				Art Unit	
				Examiner Name	
Sheet	2	of	2	Attorney Docket Number	TI-35993

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
		KERPEZ, "Standardized DSL Spectrum Management" (Telcordia Technologies, Inc., 2002), currently available at http://net3.argreenhouse.com:8080/dsl-test/Help/SM_paper.pdf .			
		COOK et al., "The Noise and Crosstalk Environment for ADSL and VDSL Systems", Communications Magazine (IEEE, May 1999), pp. 73-78.			
		SHALASH et al., "Theoretical and Practical Limits of Next-Generation High-Speed Digital Subscriber Loops", Trans. Comm. Vol. 48, No. 9 (IEEE, 2000), pp. 1447-50.			
		SCHELSTRAETE, "Upstream power back-off in VDSL" (IEEE, 2001).			
		GUSTAFSSON, "ADSL co-existence and spectrum management for 2PASS-TL/2BASE-TL", IEEE 802.3ah Plenary (Ericsson, 2002).			

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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